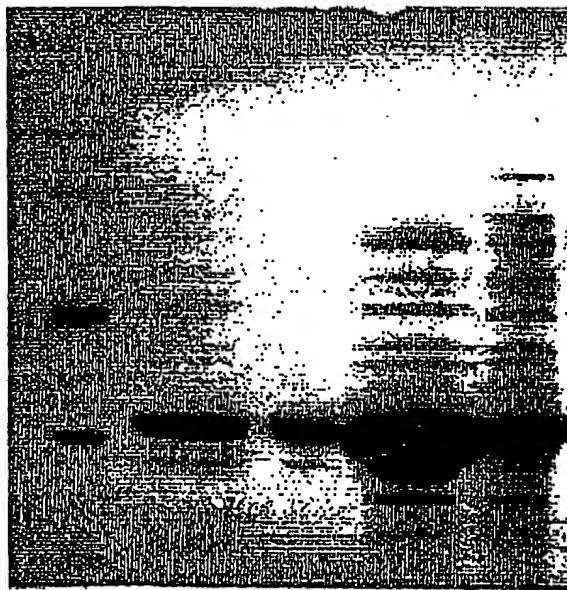


Fig. 1:



←
G38D mutein of recADH

5 4 3 2 1

Fig. 2:

top abscissa: pH optimum
ordinate: Activity [U/ml]
bottom abscissa: pH
symbols: Reduction of citric acid/NaPO₄
Oxidation of citric acid/NaPO₄
Reduction of TEA/HCl
Oxidation of TEA/HCl
Reduction of glycine/NaOH
Oxidation of glycine/NaOH

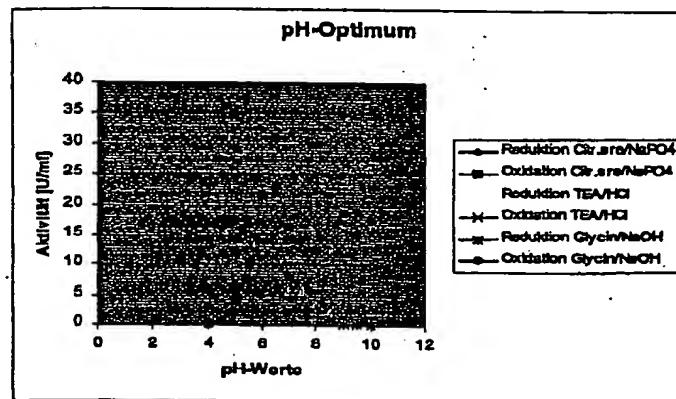


Fig. 3:

top abscissa: pH stability
ordinate: Residual activity [%]
bottom abscissa: pH
symbols: Citric acid/NaPO₄
TEA/NaOH
Glycine/NaOH

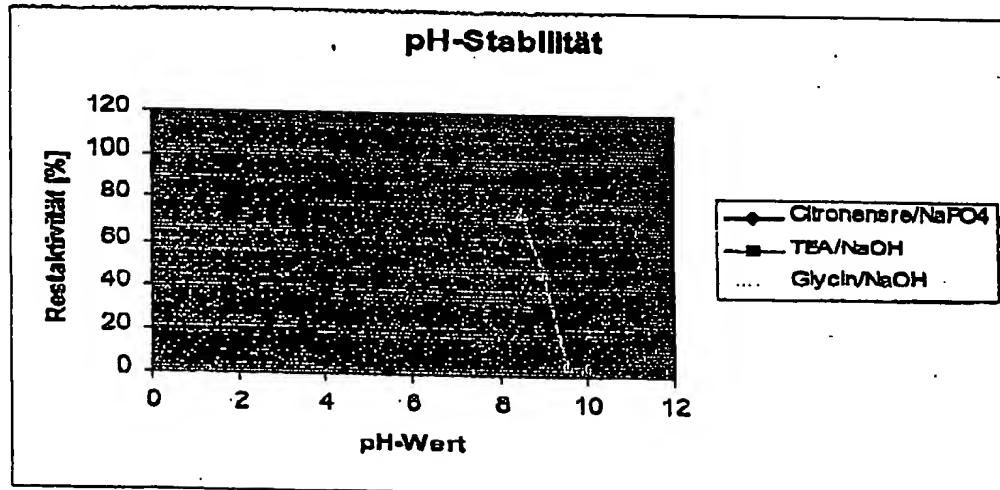


Fig. 4

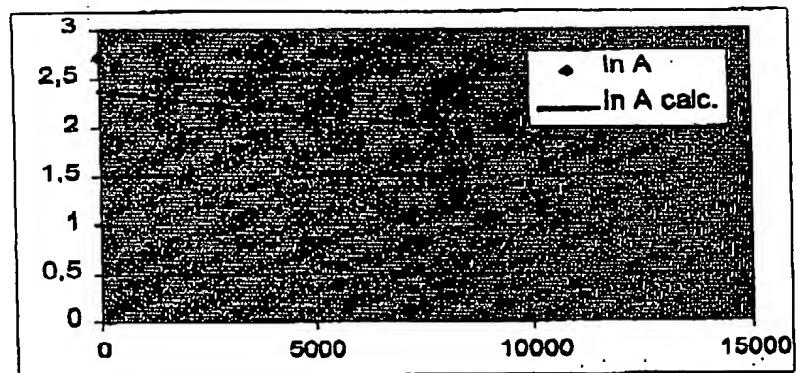


Fig. 5

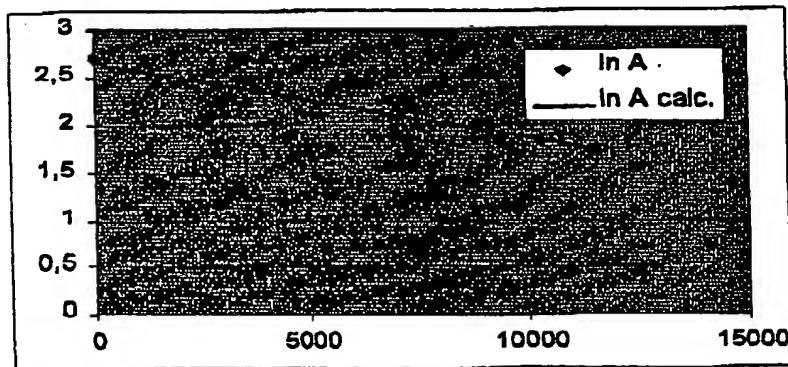


Fig. 6:
top abscissa: Temperature optimum of recadh G38D
ordinate: Activity [U/ml]
bottom abscissa: Temperature [°C]

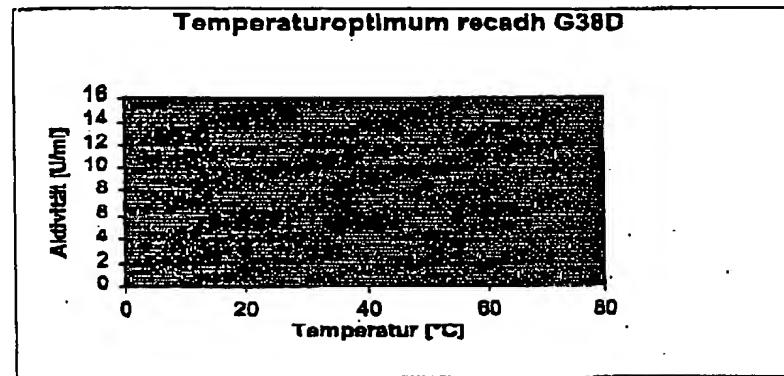
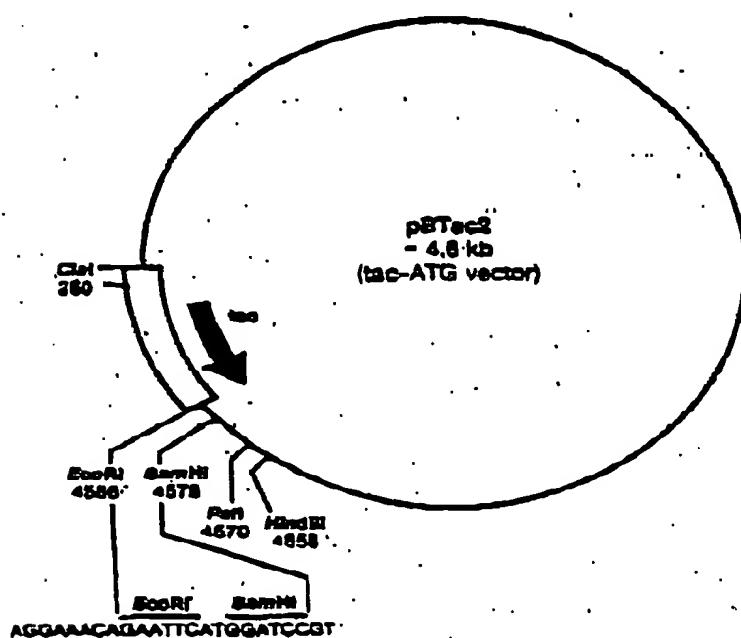


Fig. 7



..Restriction map of pBTac 2 DNA: